

2005 CROOKED LAKE SNAPSHOT



The aquatic plant survey conducted in 2005 was done using the transect method, which involves sampling from 20 feet depth or less. 100% of the sample sites were vegetated.

The dominant aquatic species was *Chara* (muskgrass), an unrooted plant-like alga.

24 aquatic species were found in 2006, including 13 submergent species, 2 free-floating species, 2 rooted free-floating plants, and 7 emergent species.

The Crooked Lake aquatic vegetation community in 2005 was of above average quality with very good species diversity. It ranked in the top 1/4 of the state.

Regular water testing continued in 2005. Average summer water clarity was 10.2 feet (very good)

Average summer water temperature was 78.0 degrees Fahrenheit.

The total phosphorus level was 15.6 micrograms/liter (good). Chlorophyll-a average remained low at 4.8 micrograms/liter (very good).

The Crooked Lake Association was formed in 2005 with an open meeting the week of July 4.

The first scientific aquatic plant survey of Crooked Lake was conducted in 2005. The aquatic invasive plant, *Myriophyllum spicatum* (Eurasian watermilfoil) was found in two places on the lake.

